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Agricultural Research Service
Animal Disease Eradication Division
Special Diseases Eradication
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ANNUAL REPORT OF COOPERATIVE STATE-FEDERAL SHEEP AND CATTLE
SCABIES ERADICATION -- FISCAL YEAR 1959

Psoroptic Cattle Scabies - Psoroptic scabies was diagnosed in 27 herds in Illinois, Iowa, Nebraska, Texas, Kansas, and Colorado. Nine lots were found to be infected upon arrival at public stockyards, and the one infected lot in Colorado had been shipped to an auction market from an infected herd in Kansas. Scabies outbreaks were also found by veterinary practitioners, and by routine tracing of infected and exposed animals. Herds involved in these outbreaks were treated under supervision.

The 27 infected herds represent a significant increase over fiscal year 1958, when four infected herds were found in the States of Iowa, Colorado, and Kansas. There was also a significant increase in eradication activities. During 1959, 5,855,408 cattle were inspected and 268,364 treated compared to 2,139,102 and 117,768 respectively during 1958. Systematic inspections were carried out in the panhandle area including counties in Kansas, Oklahoma, Texas, New Mexico, and Colorado. Tracing of possibly infected or exposed animals was done promptly. Inspectors also concentrated on inspections of feedlot cattle.

In February 1959, a Federal quarantine was placed on Clark, Gove, and Meade Counties in Kansas. The quarantined areas were reduced as the disease was eradicated, and as of July 1, 1959, only Gove County remained under quarantine.

Psoroptic Sheep Scabies - Psoroptic scabies was reported in 736 flocks of 68,626 sheep in 276 counties in 24 States. This compares with reports for previous years as follows:

<u>Fiscal Year</u>	<u>No. States</u>	<u>No. Counties</u>	<u>No. Flocks</u>	<u>Number of Lots Found At Public Stockyards</u>
1959	24	276	736	209
1958	24	300	726	206
1957	24	289	682	150
1956	25	267	607	110
1955	24	219	442	72
1954	21	183	391	68

During 1959, 10,848,946 sheep were inspected and 309,609 dipped, compared to 9,500,782 inspected and 356,854 dipped during 1958.

The outbreak in Lea County, New Mexico, was the first case in that State since 1953, and although the source of infection has not been determined, evidence points to its introduction from another State. Infected and exposed flocks were treated under supervision.

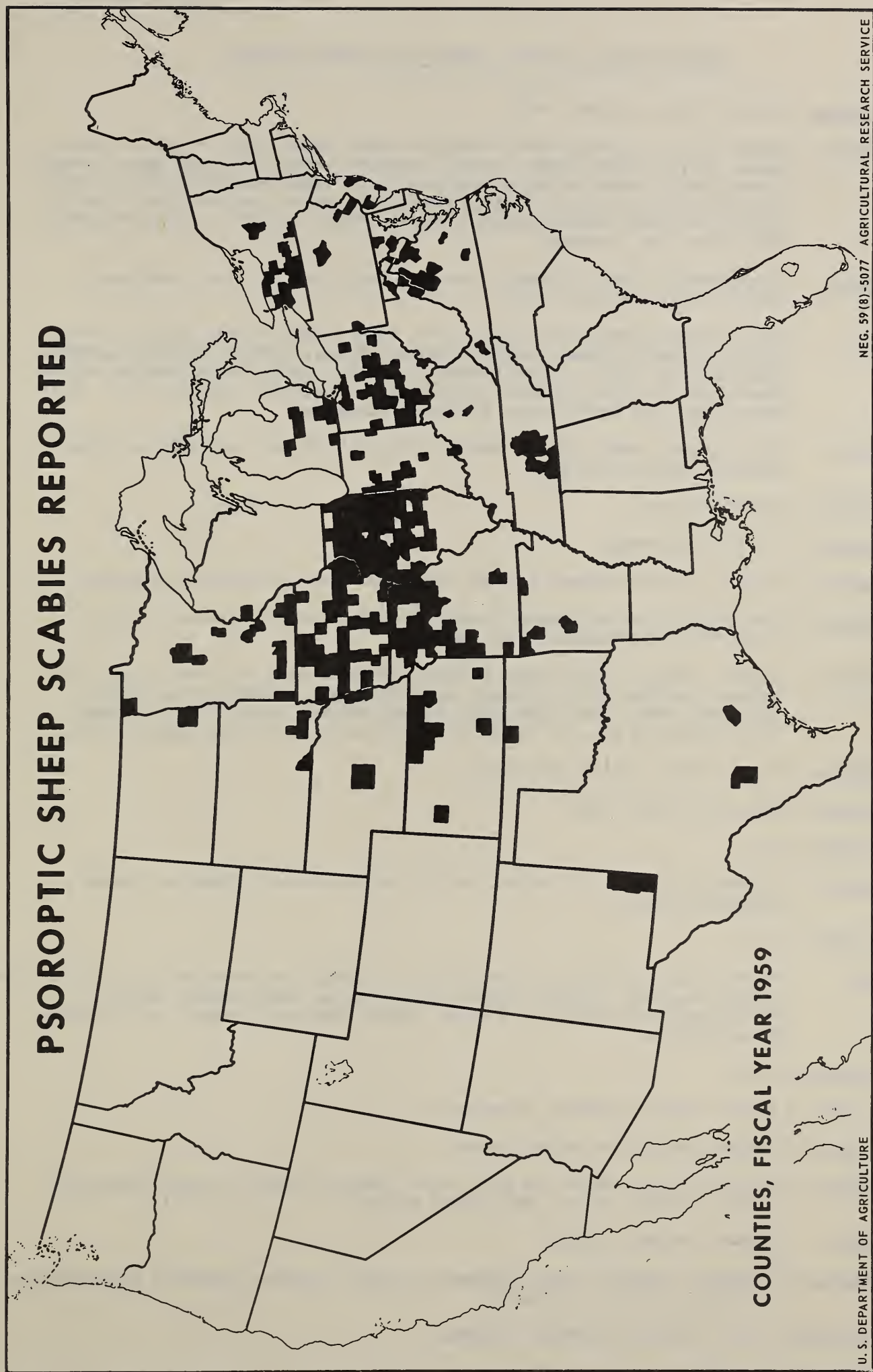
Scabies Training Course - Fifteen State and Federal inspectors attended a three-day training course at Ames, Iowa. The course was held in March 1959. Its purpose was to train field employees in the fundamentals of diagnosis and principles of scabies eradication.

PSOROPTIC SHEEP SCABIES

As Reported From Respective States	Number of Infected Counties	Number of Infected Flocks	Number of Infected Sheep	Total Inspections	Total Dippings
Connecticut	0	0	0	0	0
Maine	0	0	0	0	0
Massachusetts	0	0	0	0	0
New Hampshire	0	0	0	0	0
New York	11	13	637	637	730
Rhode Island	0	0	0	0	0
Vermont	0	0	0	0	0
Delaware	0	0	0	602	0
Kentucky	2	2	152	2,099	1,864
Maryland	2	4	196	457	522
New Jersey	3	5	127	10,210	304
Pennsylvania	4	5	127	1,195	1,027
Virginia	11	25	1,483	2,725	1,512
West Virginia	4	8	660	25,144	2,241
Illinois	51	307	21,936	44,176	16,797
Indiana	12	14	683	2,212	639
Michigan	8	13	2,324	15,477	7,370
Ohio	30	48	4,996	4,999	5,114
Iowa	43	94	6,294	24,547	10,032
Minnesota	13	21	6,101	6,101	1,070
Nebraska	4	5	4,446	5,337	24,825
North Dakota	1	1	1,200	2,700	800
South Dakota	4	8	411	374,445	5,066
Wisconsin	1	3	271	428	933
Idaho	0	0	0	43,221	0
Montana	0	0	0	0	0
Nevada	0	0	0	139,093	0
Oregon	0	0	0	21,627	54
Utah	0	0	0	47,066	0
Washington	0	0	0	59,143	0
Wyoming	0	0	0	123,094	4,196
Alaska	0	0	0	0	0
Hawaii	0	0	0	0	0
Arizona	0	0	0	5,367* 514,039	0
California	0	0	0	204* 654,012	0
Colorado	0	0	0	58,955	3,190
New Mexico	1	1	1,690	1,290,647	15,217
Texas	3	3	327	347,818* 6,849,754	2,113* 132,690
Arkansas	4	11	1,039	1,550* 33,734	4,000
Kansas	12	30	5,309	48,253	10,343
Louisiana	0	0	0	342,596	44,107
Mississippi	0	0	0	43,076	515
Missouri	37	83	6,016	27,889	11,839
Oklahoma	1	1	235	2,044	470
Tennessee	14	31	1,966	26,542	2,142
Alabama	0	0	0	0	0
Florida	0	0	0	670	0
Georgia	0	0	0	0	0
North Carolina	0	0	0	0	0
South Carolina	0	0	0	0	0
Puerto Rico	0	0	0	0	0
TOTALS:	276	736	68,626	10,848,946 354,939*	2,113* 309,609

* Goats

PSOROPTIC SHEEP SCABIES REPORTED



COUNTIES, FISCAL YEAR 1959

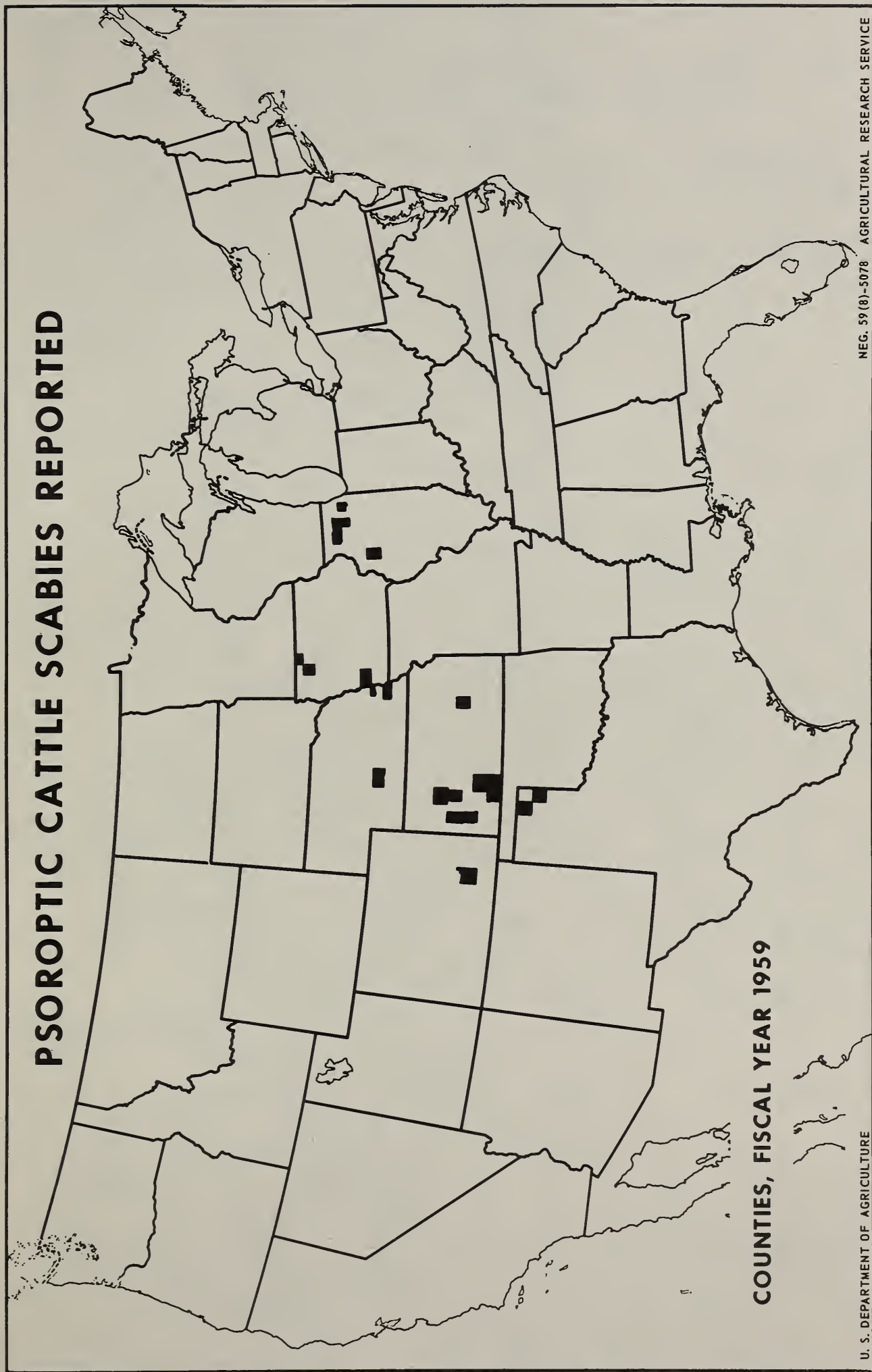
PSOROPTIC SHEEP SCABIES - States And Counties Involved

- Arkansas - Benton, Fulton, Madison, Yell.
- Illinois - Adams, Bureau, Carroll, Cass, Champaign, Clark, Coles, Cook, De Kalb, Du Page, Edgar, Ford, Fulton, Grundy, Hancock, Henderson, Henry, Iroquois, Kane, Kankakee, Kendall, Knox, Lake, La Salle, Lee, Livingston, Logan, McDonough, McLean, Macon, Macaupin, Marshall, Mason, Massac, Mercer, Montgomery, Moultrie, Ogle, Peoria, Piatt, Pike, Rock Island, Sangamon, Shelby, Stark, Vermilion, Warren, Whiteside, Will, Winnebago, Woodford.
- Indiana - Adams, Benton, Brown, Fountain, Harrison, Hendricks, Koscuisko, Montgomery, Newton, Putnam, Warren, White.
- Iowa - Adair, Adams, Benton, Black Hawk, Boone, Buena Vista, Calhoun, Carroll, Cedar, Clinton, Crawford, Emmet, Franklin, Greene, Grundy, Guthrie, Hancock, Humboldt, Iowa, Jackson, Jasper, Jones, Kossuth, Lee, Linn, Lucas, Marion, Monona, Monroe, Muscatine, Palo Alto, Plymouth, Pocahontas, Pottawattamie, Ringgold, Sac, Scott, Story, Tama, Van Buren, Wayne, Winnebago, Winneshiek.
- Kansas - Allen, Cloud, Jewell, Logan, Marshall, Mitchell, Ottawa, Pottawatomie, Republic, Sedgwick, Smith, Washington.
- Kentucky - Garrard, Scott.
- Maryland - Carroll, Montgomery.
- Michigan - Branch, Clinton, Genesee, Lenawee, Monroe, Montcalm, Shiawassee, Washtenaw.
- Minnesota - Blue Earth, Cass, Cottonwood, Dakota, Fillmore, Hennepin, Kanabec, Kittson, Mower, Olmsted, Pipestone, Rock, Watonwan.
- Missouri - Andrew, Audrain, Bates, Boone, Caldwell, Carroll, Cass, Chariton, Clark, Clay, Daviess, De Kalb, Gentry, Grundy, Harrison, Howard, Jasper, Johnson, Knox, Lafayette, Lewis, Linn, Livingston, Marion, Mercer, Monroe, Pettis, Putnam, Ralls, Randolph, Ray, St. Clair, Schuyler, Scotland, Shannon, Shelby, Vernon.
- Nebraska - Burt, Custer, Douglas, Washington.
- New Jersey - Cape May, Ocean, Salem.
- New Mexico - Lea
- New York - Allegany, Broome, Erie, Monroe, Oneida, Ontario, Orleans, Schuyler, Steuben, Tompkins, Wyoming.
- North Dakota - Cass
- Ohio - Brown, Butler, Champaign, Clark, Clinton, Coshocton, Delaware, Erie, Fairfield, Fayette, Gallia, Harrison, Highland, Holmes, Knox, Licking, Logan, Marion, Mercer, Montgomery, Perry, Pickaway, Portage, Preble, Richland, Sandusky, Union, Warren, Wood, Wyandot.
- Oklahoma - Grant
- Pennsylvania - Beaver, Lehigh, Lycoming, Montgomery.
- South Dakota - Gregory, Hanson, Hutchinson, Turner.
- Tennessee - Bedford, Cannon, Coffee, De Kalb, Giles, Lawrence, Lincoln, Maury, Rutherford, Smith, Trousdale, Warren, Williamson, Wilson.
- Texas - Bandera, Fayette, Medina.
- Virginia - Albemarle, Augusta, Clarke, Culpeper, Fauquier, Henrico, Lunenburg, Prince William, Rockingham, Russell, Shenandoah.
- West Virginia - Hardy, Jefferson, Mineral, Pendleton.
- Wisconsin - St. Croix.

CATTLE SCABIES

As Reported From Respective States	Number of Infected Counties	Number of Infected Herds	Number of Infected Cattle	Total Inspections	Total Sprayings or Dippings
Connecticut	0	0	0	3	1
Maine	0	0	0	95	0
Massachusetts	0	0	0	0	0
New Hampshire	0	0	0	40	0
New York	0	0	0	0	39,402
Rhode Island	0	0	0	0	0
Vermont	0	0	0	2,652	0
Delaware	0	0	0	0	0
Kentucky	0	0	0	229	228
Maryland	0	0	0	224	112
New Jersey	0	0	0	0	0
Pennsylvania	0	0	0	296	46
Virginia	0	0	0	3	0
West Virginia	0	0	0	300	300
Illinois	4	5	478	5,725	988
Indiana	0	0	0	228	178
Michigan	0	0	0	20,087	85
Ohio	0	0	0	130	90
Iowa	3	4	343	15,601	4,959
Minnesota	0	0	0	0	0
Nebraska	3	3	2,709	151,042	3,434
North Dakota	0	0	0	0	0
South Dakota	0	0	0	10,447	0
Wisconsin	0	0	0	212	281
Idaho	0	0	0	11,504	0
Montana	0	0	0	485	0
Nevada	0	0	0	31,314	0
Oregon	0	0	0	15,215	249
Utah	0	0	0	0	0
Washington	0	0	0	0	0
Wyoming	0	0	0	75	0
Alaska	0	0	0	0	0
Hawaii	0	0	0	0	0
Arizona	0	0	0	306,553	0
California	0	0	0	301,331	0
Colorado	1	1	57	594,150	64,368
New Mexico	0	0	0	126,086	0
Texas	2	2	463	3,527,120	106,440
Arkansas	0	0	0	1,480	0
Kansas	8	12	4,835	375,765	45,411
Louisiana	0	0	0	8,263	0
Mississippi	0	0	0	0	0
Missouri	0	0	0	451	64
Oklahoma	0	0	0	184,991	1,728
Tennessee	0	0	0	0	0
Alabama	0	0	0	154,760	0
Florida	0	0	0	0	0
Georgia	0	0	0	0	0
North Carolina	0	0	0	8,551	0
South Carolina	0	0	0	0	0
Puerto Rico	0	0	0	0	0
TOTALS:	21	27	8,885	5,855,408	268,364

PSOROPTIC CATTLE SCABIES REPORTED



COUNTIES, FISCAL YEAR 1959

PSOROPTIC CATTLE SCABIES - States and Counties Involved

Colorado - Otero.

Illinois - De Kalb, Du Page, Knox, Ogle.

Iowa - Clay, Emmet, Pottawattamie.

Kansas - Chase, Clark, Ford, Gove, Kearny, Lane, Meade, Wichita.

Nebraska - Dawson, Otoe, Sarpy.

Texas - Hemphill, Ochiltree.